

Landfill Gas

Landfill Gas Monitoring Regulation Changes

Board adopted new regulations in April 2007 that:

- Clarified responsibilities relative to requirements in §20919
- Deleted §20919.5 but made §20920 and §20921 applicable to active sites
- Clarified compliance line as disposal site permitted boundary
- Requires review and approval of gas monitoring and control plans by EA and CIWMB
- Plans need to be in JTD and closure plans

Landfill Gas Monitoring Regulation Changes (Cont.)

For active sites

- Requires monitoring wells every 1,000 feet
- Allows for wider spacing if specified factors met
- Deep probes need to be at or near the level of waste
- If regulatory levels are exceeded, operator must notify LEA immediately
- Within 7 days notify LEA in writing of steps that address the exceedance
- Within 60 days implement an LEA and CIWMB approved plan to address exceedance

Beginning Landfill Gas Training

Detailed Regulator Training scheduled:

San Mateo	August 21
Madera	August 23
Sacramento	September 19
San Diego	September 26
Ventura	September 27

(Operators added if space available)

For registration go to:

www.ciwmb.ca.gov/LFG/Registration.htm





Landfill Gas Monitoring

<http://www.ciwmb.ca.gov/LEACentral/LandfillGas/Monitoring/Screening/default.htm>

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Screening Procedures

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I. Introduction

A. Purpose of this Document

The purpose of this document is to provide standardized procedures for California Integrated Waste Management Board (Board) inspectors to use when performing landfill gas (LFG) screening monitoring* during routine disposal site inspections. The standardization and simplification of the field gas monitoring procedures are intended to create an acceptable level of sureness in a site's compliance status with respect to the State Minimum Standards (SMS) for LFG monitoring. The initial monitoring (screening monitoring) process will also provide a basis for determining whether it is necessary to conduct supplemental enhanced monitoring before making a determination of compliance with SMS. This document presumes that each inspector has already had some experience in conducting disposal site inspections, including LFG screening monitoring.

Disposal site inspectors need to sample for LFG in the ground at the permitted facility boundary and in the structures within the permitted boundaries of a disposal site while conducting eighteen month: closed, illegal and abandoned

What is a violation of 20919.5?

1998 Inspection Advisory

A violation should be noted if any of the following are found during the inspection:

Concentrations of methane exceed 5 percent or greater by volume in air at the facility property boundary, or 1.25 percent or greater by volume in air in on-site structures, including underground chambers.

Discussion: If the methane level at a well at the boundary is 5.25% is it a violation?